

Title (en)

METHOD FOR OUTPUTTING A SIGNAL FROM AN EVENT-BASED SENSOR, AND EVENT-BASED SENSOR USING SUCH METHOD

Title (de)

VERFAHREN ZUR AUSGABE EINES SIGNALS VON EINEM EREIGNISBASIERTEM SENSOR UND EREIGNISBASIERTER SENSOR UNTER VERWENDUNG EINES SOLCHEN VERFAHRENS

Title (fr)

PROCÉDÉ PERMETTANT DE DÉLIVRER EN SORTIE UN SIGNAL À PARTIR D'UN CAPTEUR BASÉ SUR UN ÉVÉNEMENT, ET CAPTEUR BASÉ SUR UN ÉVÉNEMENT UTILISANT UN TEL PROCÉDÉ

Publication

EP 3732875 A1 20201104 (EN)

Application

EP 18825738 A 20181226

Priority

- EP 17210575 A 20171226
- EP 2018086885 W 20181226

Abstract (en)

[origin: EP3506622A1] The event-based sensor has a sensing part (12) that produces events asynchronously. The output signal includes information relating to at least some of the produced events. The method comprises: estimating a rate of production of events by the sensing part (12); while the estimated rate is less than a threshold, transmitting the signal having a variable rate; and when the estimated rate is above the threshold, transmitting the signal including information relating to only some of the produced events, such that a rate of events for which information is included in the signal remains within the threshold.

IPC 8 full level

H04N 5/345 (2011.01)

CPC (source: EP KR US)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3506622 A1 20190703; CN 111630841 A 20200904; EP 3732875 A1 20201104; JP 2021508975 A 20210311; JP 7383616 B2 20231120; KR 102627794 B1 20240123; KR 20200100667 A 20200826; US 11631246 B2 20230418; US 2020372254 A1 20201126; WO 2019129790 A1 20190704

DOCDB simple family (application)

EP 17210575 A 20171226; CN 201880083798 A 20181226; EP 18825738 A 20181226; EP 2018086885 W 20181226; JP 2020535562 A 20181226; KR 20207018434 A 20181226; US 201816957874 A 20181226